

# ABSTRACT

5 An ion-conductive composition includes an electrolyte  
solution made of an ion-conductive salt and a solvent in  
which the ion-conductive salt is soluble, and a  
thermoplastic resin having a specific swelling ratio when  
immersed in the electrolyte solution. The invention is also  
directed at a gel electrolyte produced by shaping the  
10 thermoplastic resin, then immersing it in an electrolyte  
solution to effect swelling. High-performance non-aqueous  
electrolyte batteries and electrical double-layer capacitors  
can be built using a thermoplastic resin-containing  
electrode binder composition in which the resin bonds well  
15 with active materials or activated carbon and which has an  
excellent adhesion to current conductors.

0955432-091901  
T06T60-2E45560